

Notice of Allowability	Application No.	Applicant(s)	
	10/066,030	PRUITT, DAVID A.	
	Examiner	Art Unit	
	Andy Huynh	2818	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment dated 7/30/03.
2. ☒ The allowed claim(s) is/are 1-45.
3. ☒ The drawings filed on 31 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**


7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |


David Nelms
 Supervisory Patent Examiner
 Technology Center 2800

DETAILED ACTION

In the Amendment dated July 30, 2003, applicant has amended claims **9, 25, 39, 43 and 45** is acknowledged. Accordingly, claims **1-45** remain pending in this application.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

This application is in condition for allowance except for the presence of claim **46** non-elected without traverse. Accordingly, claim **46** has been cancelled.

Allowable Subject Matter

Claims **1-45** are allowed.

The following is an examiner's statement of reason for allowance: Claims **1-8** are allowable over the cited prior art of Kinsman fails to teach or suggest the claim recitation of a leadframe for use in a integrated circuit package comprising support members being substantially parallel to the end of the die paddle to which they are connected as claimed in independent claim **1**; Claims **9-24** are allowable over the cited prior art of Kinsman fails to teach or suggest the claim recitation of a leadframe for an integrated circuit comprising support member with an

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offset angle of less than 45 degrees as claimed in independent claim 9; Claims **25-38** are allowable over the cited prior art of Kinsman fails to teach or suggest the claim recitation of a leadframe for an integrated circuit comprising an offset angle between the first line segment and the vertical axis that is less than 45 degrees as claimed in independent claim **25**; Claims **39-42** are allowable over the cited prior art of Kinsman fails to teach or suggest the claim recitation of an integrated circuit package assembly comprising an offset angle between the die and the frame, as projected on to a horizontal axis, that is less than 4 mils as claimed in independent claim **39**; Claims **43 and 44** are allowable over the cited prior art of Kinsman fails to teach or suggest the claim recitation of an integrated circuit package comprising a first support member that is substantially parallel to the first side of the die paddle to which is connected as claimed in independent claim **43**; and Claim **45** is allowable over the cited prior art of Kinsman fails to teach or suggest the claim recitation of a leadframe for an integrated circuit comprising support members extend away from a vertical plane that passes between the support members as claimed in independent claim **45**. Prior art of record fails to teach or suggest incorporating these limitations into prior art of Kinsman to form the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

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Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andy Huynh whose telephone number is (703) 305-0089. The examiner can normally be reached on Monday-Friday 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (703) 308-4910. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



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